

COMMAND & CONTROL, COMPUTERS, COMMUNICATION

Develop and leverage advanced technologies for applications in future command & control, communications, and computers. Enhance situational awareness, tactical decision making, low probability of intercept/detection comm, and quality of service gains.

RECENT TRANSITIONS

SECURE WIRELESS COMMUNICATIONS (FNC)

- EFV for evaluation
- CONDOR: Co-developed Gateway prototype with MCSC. In Iraq for extended user evals

OLED TECHNOLOGY (FNC)

D-DACT for evaluation

UCIM E&D

Transitioned to MCSC CONDOR

TCN E&D

Transitioned to PEO-IWS (CEC)

S&T Testbed E&D

Transitioned to MCSC (MCTSSA)

FOCUS AREA

NETWORK CENTRIC WARFARE / INTEROPERABILITY

C2 STO-1: Digital networks with assured, secure communications linking all echelons of the MAGTF

C2 STO-2: Multilevel information security and assurance systems

C2 STO-3: Intelligent network monitoring, maintenance, and mobility for on-demand information distribution

C2 STO-4: Improved situational awareness for warfighters at all echelons

OVER-THE-HORIZON COMMUNICATIONS

C2 STO-1
C2 STO-3

URBAN / ASYMMETRIC RESTRICTED ENVIRONMENTS

C2 STO-1
C2 STO-3
C2 STO-4

RELEVANT INFORMATION ON DEMAND

C2 STO-3
C2 STO-4

PROJECT

NETWORK MONITORING & MANAGEMENT (FNC)

SECURE WIRELESS LAN AFLOAT (FNC)

MOBILE MODULAR COMMAND & CONTROL-NETWORK MGMT TOOLS (M2C2) (Plus-Up)

COMMON OPERATIONAL PICTURE FUSION (E&D)

TACTICAL NETWORK INTEGRATION (E&D)

C2 ON THE MOVE NETWORK DIGITAL OVER THE HORIZON RELAY (FNC)

BLOS TACTICAL COMMUNICATIONS RELAY (FNC)

SATCOM ON THE MOVE (E&D)

M2C2: Prototype Package & Antennas (Plus-Up)

CONFORMAL ANTENNAS (D&I)

NON-LINE OF SIGHT COMMUNICATIONS (D&I)

URBAN COMMUNICATIONS (E&D)

POSITION LOCATION INFORMATION (FNC)

ORGANIC LIGHT EMITTING DIODE (FNC)

GPS DENIED NAVIGATION TECHNOLOGY (D&I)

URBAN NAVIGATION (D&I)

RANDOM NOISE COMMUNICATIONS (D&I)

GPS DENIED NAVIGATION (FNC)

ADVANCED FIRES COORDINATION TECH (FNC)

ADVANCED TARGET ACQUISITION (FNC)